

Testing Report

Course Review Platform

Project Name : Course Review Platform with AI

Tested By : Vivitha M

Test Tool Used : Apidog

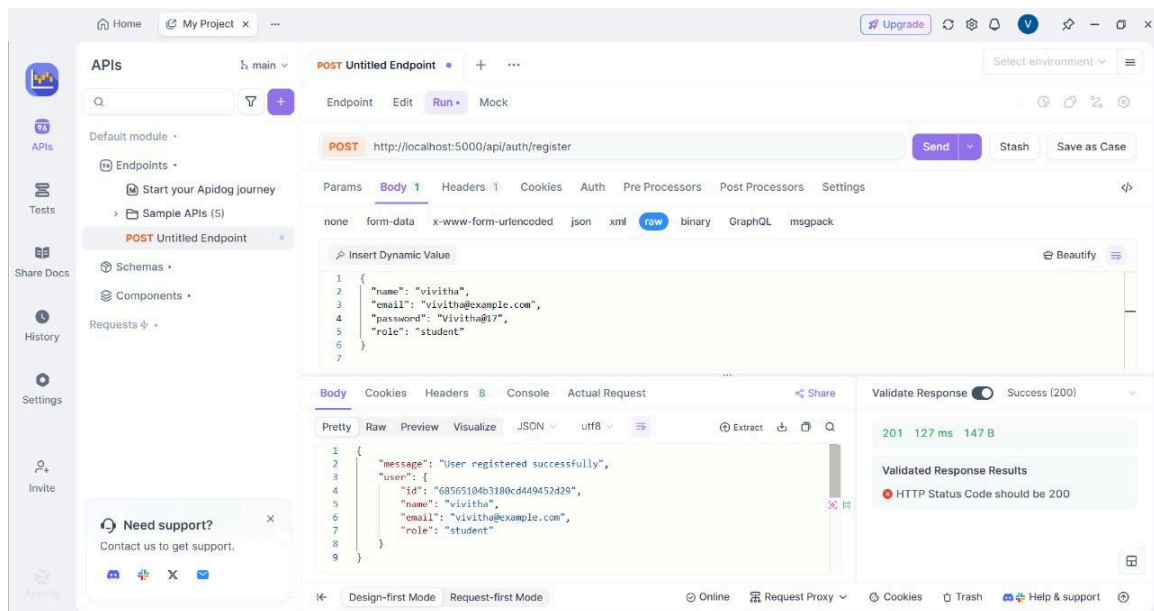
Environment : Localhost (Node.js + Express, MongoDB)

Base URL : <http://localhost:5000/api>

1. User Registration API

Endpoint: POST /api/auth/register

Purpose: To register a new user to the platform.



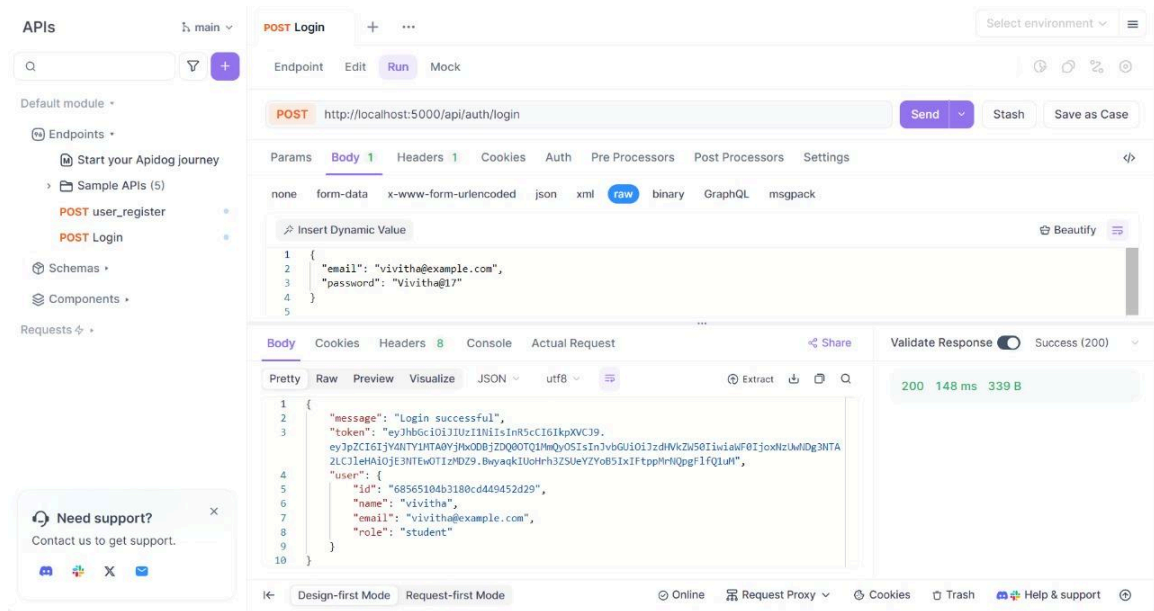
Result:

- Test Passed.
- User was successfully added to the database with a hashed password.
- Duplicate email test returned 400 with message: User already exists – as expected.

2. User Login API

Endpoint: POST /api/auth/login

Purpose: Authenticate a registered user and return JWT.



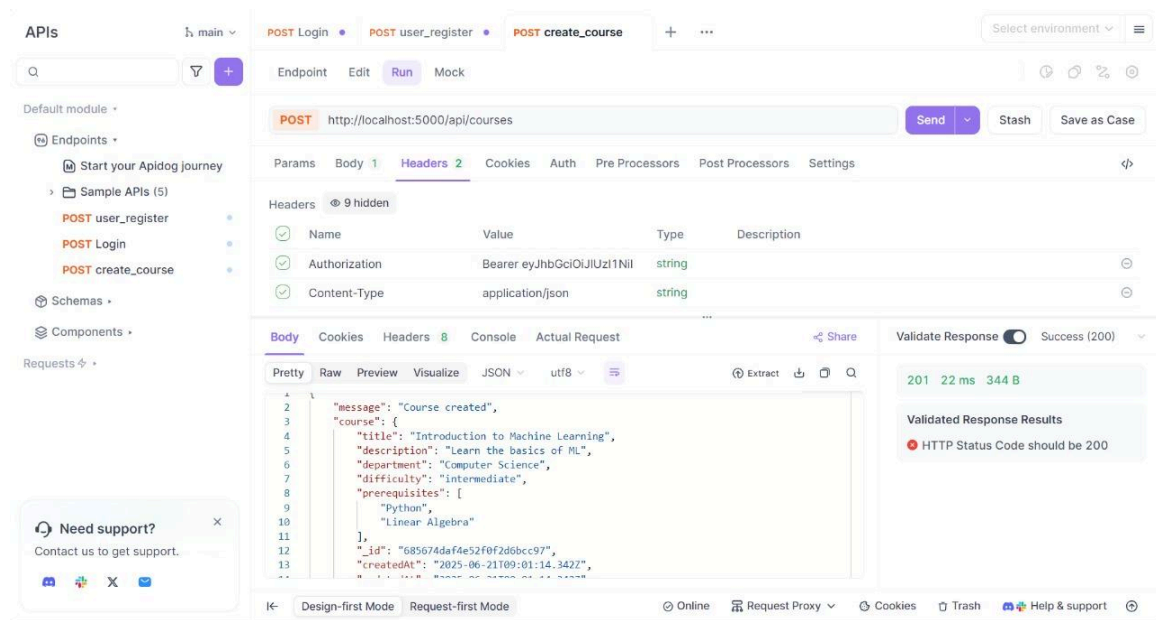
Result:

- Test Passed.
- On invalid password/email: Received 400 Bad Request with message 'Invalid credentials' – correct behavior.

3. Create Course API

Endpoint: POST /api/courses

Purpose: Add a new course to the platform.



Result:

- Test Passed.
- The course was added successfully to the courses collection in MongoDB.
- Validation errors (missing fields) returned 400 as expected.

Summary

Test Case	Method	Endpoint	Status	Result
User Registration	POST	/api/auth/register	201	✓ Passed
Duplicate Register	POST	/api/auth/register	400	✓ Passed
User Login	POST	/api/auth/login	200	✓ Passed
Invalid Login	POST	/api/auth/login	400	✓ Passed
Create Course	POST	/api/courses	201	✓ Passed